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Claims 1-3, 11, 12 and newly added 14 should read as follows:

1.(currently amended) A process for copolymerizing ethylene or propylene together with

one another or with other olefinically unsaturated compounds, which comprises carrying out in the polymerization in the presence of a catalyst system which comprises the following components:

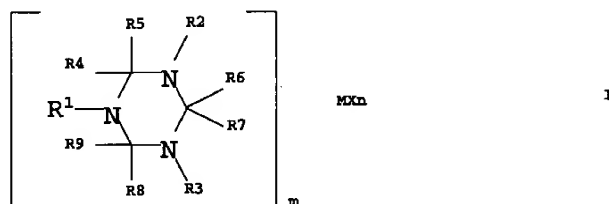
- A) a complex of a transition metal with one or two substituted or unsubstituted 1,3,5-triazacyclohexane ligands ~~or corresponding ligands in which one or more of the ring nitrogen atoms are replaced by phosphorus or arsenic atoms, and~~
- B) if desired one or more activator compounds.

2.(currently amended) A process for copolymerizing ethylene or propylene together with

one another or with other olefinically unsaturated compounds at from 20 to 300°C under pressures from 5 to 4000 bar, which comprises the following steps:

- a) contacting a complex of a transition metal with one or two substituted or unsubstituted 1,3,5-triazacyclohexane ligands (A) with at least one activator compound (B),
- b) contacting the reaction product from step (a) with the olefinically unsaturated compounds under polymerization conditions.

3.(currently amended) A process as claimed in claim 1, wherein the component (A) is a compound of the formula I



in which ~~the variables have the following meanings:~~

M is a transition metal of groups 4 to 12 of the Periodic Table,

R¹-R⁹ are hydrogen or organosilicon or ~~carbon~~ organic substituents having from 1 to 30 C atoms, it being possible for two geminal or vicinal radicals R¹ to R⁹ radicals also be connected to form a 5- or 6-membered ring, and it being possible, when m is 2, for an R¹-R⁹ radical of in each case one triazacyclohexane ring to form together with a substituents on the other triazacyclohexane ring a bridge between the two rings,

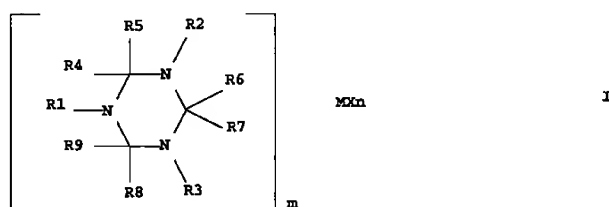
X is fluorine, chlorine, bromine, iodine, hydrogen, C₁-C₁₀-alkyl, C₆-C₁₅-aryl or alkylaryl having from 1 to 10 C atoms in the alkyl radical and from 6 to 20 C atoms in the aryl radical, trifluoroacetate, BF₄⁻, PF₆⁻ or aulky noncoordinating anions,

m is 1 or 2,

n is a number from 1 to 4 which corresponds to the oxidation state of the transition metal M

~~is employed as component (A).~~

11. (currently amended) A transition metal complex of the formula I ~~as described in claim 3~~



in which:

M is a transition metal of groups 4 to 12 of the Periodic Table,

R^1-R^9 are hydrogen or organosilicon or organic substituents having from 1 to 30 C atoms, it being possible for two geminal or vicinal radicals R^1 to R^9 radicals also be connected to form a 5- or 6-membered ring, and it being possible, when m is 2, for an R^1-R^9 radical of in each case one triazacyclohexane ring to form together with a substituents on the other triazacyclohexane ring a bridge between the two rings,

X is fluorine, chlorine, bromine, iodine, hydrogen, C_1-C_{10} -alkyl, C_6-C_{15} -aryl or alkylaryl having from 1 to 10 C atoms in the alkyl radical and from 6 to 20 C atoms in the aryl radical, trifluoroacetate, BF_4^- , PF_6^- or bulky noncoordinating anions,

m is 1 or 2,

n is a number from 1 to 4 which corresponds to the oxidation state of the transition metal M,

wherein at least one of the radicals R^1 , R^2 or R^3 is different from the other radicals in this group.

R must be different

12.(currently amended) A transition metal complex of the formula I as defined in claim 3 11, wherein m is 2 and one radical R^1 – R^9 of one triazacyclohexane ring together with one of these substituents of the other triazacyclohexane ring forms a bridge between the two rings.

13.(canceled) ~~The use of a complex of a transition metal as defined in claim 1 in the copolymerisation of ethylene or propylene together or with other olefinically unsaturated compounds~~

14.(new) A process as claimed in claim 3, wherein m is 2 and one radical R^1 – R^9 of one triazacyclohexane ring together with one of these substituents of the other triazacyclohexane ring forms a bridge between the two rings.